ASHLY
POWER & DSP

POWERING PERFORMANCE.
5
ALL PRODUCTS BACKED BY OUR
FIVE-YEAR WARRANTY

In the early 90s, following decades of success in the live analog sound industry, Ashly was quick to recognize that the impending digital revolution was much more than standardized coding and fancy filtering algorithms.

Ashly focused on the concept of *Networking and Control* of audio systems. Ashly engineers went to work to design *Network-Enabled* amplifiers and signal processors that interconnect with the rest of the digital world—seamlessly integrating into a facility's framework without losing the natural or "musical" quality of the audio. That's what sets us apart.

In the age of plug-and-play connectivity, every component must work together and be instantly accessible from either local or global command locations. At the center of command is Ashly's proprietary *Protea™ Software Suite* and control interface—it's simple, intuitive, and any audio professional can easily navigate the system set-up and client control. Ashly's commitment to developing *Net*Work*Able* audio systems lowers the client's long-term ownership costs of their pro audio system. A Systems Integrator can diagnose a problem or make changes to the sound system from a laptop, avoiding costly service calls.

Whether you're in a restaurant, university, studio or place of worship—arena, auditorium or classroom—Ashly provides a selection of pro audio products with customizable features to meet very specific audio needs without loosing sound quality.

Harness the power.
www.ashly.com/nX

We're riding the wave into the neXt generation of high-power, networkable amplifiers with programmable outputs—we call it nX.

Sound systems in large architectural spaces require flexibility and *big* power—whether it's for line arrays, distributed sound systems, Left/Center/Right 3 and 4-way speaker systems—our new nX Series delivers up to 12,000W of clean power in a convenient 2U package. What's more impressive is the nX Energy Management System with defeatable <1W sleep-mode *(<1W energy consumption beats the most aggressive Energy Star® benchmark†)*. nX Amplifiers have multiple independent power supplies that provide increased performance and reliability.

The nX Family offers 3 series (nX, nXe & nXp) with a range of power and features to complete virtually any installation. The base model *nX Series* amplifier is pure power—offered in 2 and 4-channel configurations. The *nXe Series* adds Ethernet control, event scheduling, preset recall, AUX outputs, and can be customized to add digital options including AES3 and CobraNet. *Need more flexibility? The nXp Series* has all the features of nXe, *plus* comprehensive signal processing using Protea™ DSP, as well as swept load impedance monitoring for system maintenance.

When you choose Ashly nX, you choose a hand-built, US-made product backed by our team of engineers and an industry-leading 5-year warranty.

nX Key Features:

- High output: Up to 12,000W in 2U
- Selectable output per channel: 2/4/8Ω, 70V, 100V; or bridge channel pairs: 4Ω, 140V, 200V
- Defeatable, automatic <1W sleep-mode (all nX amps)
- Ethernet monitoring and control, RTC event scheduler and integrated programmable power sequencing delay (nXe & nXp only)
- Load impedance monitoring (nXp only)
- Optional AES3 digital in w/ pass-through and CobraNet®
- Networkable, serial, and passive remote control options
- Combo and Euroblock inputs and Neutrik® speakON connectivity
- Neutrik® powerCON easy-disconnect power cord
- Control Software for tablet (in development)

Model	Ch.	@ 2Ω	@ 4Ω	@ 8Ω	@ 4Ω Bridged	70V	100V
nX-3.04 ▸	4	3000W	2000W	1250W	6000W	2450W	1250W
nX-3.02 ▸	2	3000W	2000W	1250W	6000W	2450W	1250W
nX-1.54 ▸	4	1500W	1500W	1250W	3000W	1500W	1250W
nX-1.52 ▸	2	1500W	1500W	1250W	3000W	1500W	1250W

Steady, Efficient, Powerful. Catch the Wave. nX

† NOTE: The <1W sleep mode can be defeated for applications that are subject to third-party performance standards that prohibit a sleep mode, including those used for Mass Notification and Emergency Communications Systems and those subject to ANSI/UL 2572.

Software and Networking

Protēa™
Software Suite

Protea is compatible with Microsoft® Windows 8, 7 (Vista/XP) 32 & 64 bit systems.

Protea™ Software Suite is designed for the nX Family of Amplifiers, Pema, the ne Series Amplifiers and Processors, the ne24.24M Matrix Processor, and Protea Processors, which also includes discontinued pe Series amplifiers.

The Protea Software Suite includes *Protea™ Network-Enabled Software (PneS)* for Ashly networked devices, and *Protea™ System Software (PSS)* for our legacy non-networked products.

Audio professionals find our software very intuitive and easy to navigate—and you will too. No need to attend a one-week training class away from home to learn our software. Common sense layout of controls and features, on-line help, or a visit to the Technical Support page on our website provides answers to all of your questions.

net·work·able
Ashly amplifiers and processors

Service calls are expensive, particularly when they are required to make small changes in a sound system—like increasing the level in meeting room #2. Rather than dispatching a technician, Ashly *Net*Work*Able* sound systems allow you to use your computer and address a problem from any network location. Your clients will appreciate the instant response and notice that the long-term ownership costs of their pro audio system are lower and easy to maintain.

*Net*Work*Able* components (nX, ne, & Pema) allow the audio professional command and control of their installation from anywhere in the world via computer and a standard 10/100 Ethernet connection. IT professionals appreciate that Ashly gives them the ability to set-up a custom configuration quickly and easily.

Network DSP Amplifiers

pêma MADE IN THE USA

Protea™-equipped media amplifier

Model	Channels	Watts @ 4Ω	Constant Voltage Options	Onboard DSP
Pema 4125 ▸	4	125W	25V, 70V, 100V	Protea
Pema 4250 ▸	4	250W	25V, 70V, 100V	Protea
Pema 8125 ▸	8	125W	25V, 70V, 100V	Protea
Pema 8250 ▸	8	250W	25V, 70V, 100V	Protea

Pema Features:

- 4 or 8-channel amplifier: 125W or 250W per channel delivers wide power range to cover virtually any install.
- 8-in x 8-out sophisticated matrix mixing: Pema makes it easy to route any input to any output.
- 8 built-in mic preamps: Ashly high-quality preamps provide outstanding audio quality and fidelity.
- Dual RCA and balanced Euroblock inputs: Between pro and consumer gear, you're prepared for just about anything.
- Dedicated telephone/PBX input: Eliminate the outboard 600 Ohm transformer for telephone paging.
- Post DSP AUX line level outputs: Route your audio to a recording device or subwoofer amplifier.
- Stereo summed to mono: Take it all and make it mono.
- Adjustable HP/LP filters: Because all signals are not created equal.
- Event scheduling and real-time clock: Give your clients programmable energy efficiency.
- Gain sharing automatic microphone mixer: Set and forget with an auto mixer on any of the 8-channels.
- Automatic feedback suppression: Eliminate feedback problems when inexperienced end-users get too close to loudspeakers.
- Ambient noise compensation: Automatically adjust paging levels in high-noise areas.
- Built-in pink/white noise and sine wave generator: Set-up is a breeze, route sound masking into any zone.
- Intuitive wall remotes: Ashly networkable wall remotes compliment the unit and are easy for your clients' to operate.
- Safety/Compliance: $_{c}$TUV$_{us}$, CE, FCC, RoHS

Pema's feature set allows Systems Integrators replace a rack of amplifiers and signal processing equipment with a single 2-rack space unit in many scenarios. The combination of a 4 or 8-channel amplifier and 8-in x 8-out sophisticated matrix mixing and signal processing brings a new level of technology and innovation to your installation. CobraNet® digital I/Os are fully supported.

Systems designers can select either 125W or 250W output units that are a perfect fit for your install based on ceiling height, loudspeaker sensitivity and ceiling speaker density.

Pema is a restaurant or retail store-in-a-box with ambient noise control, automatic feedback suppression, event scheduling, a dedicated TEL/PBX input, dual RCA inputs and paging microphone inputs. It's a liturgical church-in-a-box with gain sharing automatic microphone mixing, auto feedback suppression and a maximum of 8 wired or wireless microphone inputs. For courtroom projects, a single Pema offers amplification, an auto mixer, auto feedback suppression, AUX outputs for recording and a built-in pink noise generator for masking sidebar discussions.

Multi-Channel Amplifiers

ne network-enabled power amplifiers

MADE IN THE USA

Model	Channels	Watts @ 4Ω	Watts @8Ω	Watts @ 8Ω Bridged	Constant Voltage Options	w/ DSP
ne4250 ▶	4	250W	150W	500W	250W @ 25V, 70V, 100V	*pe*
ne8250 ▶	8	250W	150W	500W	250W @ 25V, 70V, 100V	*pe*

The *ne (networked-enabled) Series Amplifiers* are uniquely designed around an energy efficient Class-D platform with a switching power supply.

Connecting and controlling an amplifier for networked systems has now been simplified with ne Amplifiers. This line offers ease of use, setup and control using standard 10/100 Ethernet protocol and Protea™ ne Software. No special outboard control units are needed.

Choose either 4 or 8-channel packages rated at 250W per channel, with separate hi-z and lo-z models. ne Series Amplifiers are offered in two separate platforms—the standard network amplifier or a network amplifier with an on-board Protea™ DSP Processor. Each can be customized for any installation by adding your choice of AES3 inputs, mic pre inputs* or a CobraNet® card.

ne4250 & ne8250 Features:

- 10/100 Ethernet comes standard
- Protea DSP, AES3 and CobraNet input options
- DC voltage remote gain control
- Ethernet remote control and monitoring
- Switched-mode power supply, Class-D output
- Stepped, calibrated input attenuators
- Remote power turn on/off
- Disable all front panel controls via software
- Temperature sensitive variable speed fan with front-to-back airflow
- Selectable HPF frequencies on 25V, 70V and 100V models
- 4-stage level meters
- Output current and temp indicators
- Lo-z, 25V, 70V, 100V models
- Safety/Compliance: $_{c}$TUV$_{us}$, CE, FCC, RoHS

**Feature offered on Protea-equipped versions only*

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Two-Channel Amplifiers

ne network-enabled power amplifiers

MADE IN THE USA

Model	Channels	Watts @ 4Ω	Watts @ 8Ω	Watts @ 8Ω Bridged	Constant Voltage Options	w/ DSP
ne800 ▶	2	400W	200W	800W	400W @ 25V, 70V, 100V	*pe*
ne1600 ▶	2	800W	400W	1600W	800W @70V, 100V	*pe*
ne2400 ▶	2	1200W	700W	2400W	1200W @ 100V	*pe*

ne800, ne1600 & ne2400 Features:

- 10/100 Ethernet comes standard
- Protea DSP, AES3 and CobraNet input options
- DC voltage remote gain control
- Ethernet remote control and monitoring
- Switched-mode power supply, Class-D output
- Stepped, calibrated input attenuators
- Selectable input sensitivity 26dB, 32dB or 1.4V
- Remote power turn on/off
- Disable all front panel controls via software
- Temperature sensitive variable speed fan with front-to-back airflow
- Selectable HPF frequencies on 25V, 70V and 100V models
- 4-stage level meters
- Output current and temp indicators
- Lo-z, 25V, 70V, 100V models
- Safety/Compliance: CE, FCC, RoHS

Our 2-channel *ne Series Amplifiers* are designed to meet the specifications of the performance installation and constant voltage markets.

The **ne800** delivers 400W @ 4 Ohms (or 70V and 100V, separate models), while the **ne1600** is rated at 800W into either hi-z or lo-z versions. The **ne2400** delivers 1,200W into either a 4 Ohm or 70V load; the separate 100V output model is rated at 1,200W.

All ne 2-channel amplifiers come standard with XLR and Euroblock input connectors, and speakON®/Euroblock output connectors.

All models include balanced analog inputs, bridge mono mode, selectable 8Hz 12dB/oct or 400Hz 6dB/oct hi-pass filter, input sensitivity switch, full Ethernet control using Protea™ ne Software, remote standby for power up, and DC remote level control using an Ashly WR-1 or equivalent. ne Amplifiers are a great value for any install.

POWERING EXPERIENCE.

Two-Channel Amplifiers

KLR Series

Model	Ch.	Watts @ 2Ω	Watts @ 4Ω	Watts @ 8Ω	Watts @ 4Ω Bridged	Constant Voltage Options	Weight
KLR-2000 ▶	2	1000W	600W	350W	2000W	—	23.5lbs
KLR-3200 ▶	2	1600W	1100W	650W	3200W	800W @ 70V	24lbs
KLR-4000 ▶	2	2000W	1400W	850W	4000W	—	26.5lbs
KLR-5000 ▶	2	2500W	1700W	1000W	5000W	—	28lbs

Our *KLR Series* are high-efficiency, high-power 2-channel amplifiers that are the ideal choice for high-output speaker systems, line arrays, dual 18" subwoofers and much more. If you think you need to use an expensive, European amplifier to get a clean, stable, quiet amplifier—think again.

Exceptionally lightweight for their class, all KLRs are designed in standard 2RU enclosures.

KLRs are quiet with signal-to-noise ratio ratings from >108 dB to >110 dB across all models. They're also versatile, each with a 3-position gain switch for both channels, a 3-position mode switch (bridged, stereo or parallel mono) and a 3-position 12dB/oct HPF switch (30Hz, 50Hz or off).

Packed with features, KLRs make a great choice when you need to value engineer a distributed sound system.

KLR Features:

- Stable down to 2 Ohms
- Balanced inputs via 3-pin Euroblock
- Combo XLR/TRS connectors
- Neutrik® speakON® type output connectors
- Switch-mode power supply with extensive protection circuitry
- On/off limiter switch
- Forced-air cooled (front-in, rear-out)
- Removable dust filters, easy to clean
- Front-mounted attenuators
- Removable amp handles for permanent installation
- Optional locking front panel volume knobs
- Safety/Compliance: $_{c}CSA_{us}$, CE, FCC, RoHS

Network-Enabled Processing

ne network-enabled signal processors
MADE IN THE USA

ne4400 ▶ 4 x 4 Network Protea™ DSP Processor
ne4800 ▶ 4 x 8 Network Protea™ DSP Processor
ne8800 ▶ 8 x 8 Network Protea™ DSP Processor

Connecting and controlling an audio processor for networked systems is simplified with our *ne Digital Signal Processors.* Complimentary to our amplifiers, our processors offer easy setup and control using standard 10/100 Ethernet protocol and Protea ne Software. No special outboard control units are needed. Standard units are analog line input/output format of **ne4400** (4x4), **ne4800** (4x8), and **ne8800** (8x8) with four option bays supporting network audio, AES3, and mic input options. The DSP signal processing library is extensive and utilizes multiple SHARC 32-bit processors with sample rates of either 48KHz or 96KHz.

Processing blocks include either a 4x4, 4x8 or 8x8 matrix mixer, a full array of graphic, parametric and all pass equalization, crossover filters including 8th-order Butterworth, Bessel, Linkwitz-Riley and notched Linkwitz-Riley.

The Protea™ Software Suite also includes an extremely advanced automatic feedback suppressor, gain sharing automatic microphone mixing, ambient noise sensing and level adjustment, autolevelers, compressors, matrix duckers, limiters, frequency-keyed noise gates, signal delay up to 1,365ms on every channel and your choice of sinewave, pink or white noise generators.

All programming is accomplished using standard 10/100 Ethernet or RS-232 protocol and Protea ne Software on a PC platform. Hot-plug software control allows you to plug any function into any channel block even when running live audio with recompiling necessary. Automatic DHCP network IP configuration reduces network set up time. Multi-level software security with password access assures you a tamper-proof audio system.

ne8800, 4800, & 4400 Features:

- Optional inputs: CobraNet®, AES3
- 10/100 Ethernet and RS-232 computer interface standard
- Extensive DSP available
- Easy and intuitive user interface
- 24-bit A/D–D/A audio resolution
- 32-bit SHARC DSPs
- Sample rates of 48KHz and 96KHz
- Hot-plug software control
- Automatic DHCP network IP configuration
- Butterworth, Bessel, Linkwitz-Riley, and Notched-Linkwitz-Riley filters
- Advanced automatic feedback suppression
- Word Clock input and output
- Euroblock connectors for audio, preset recall, DC remote level control and data in/out
- Six dedicated remote controls for level, logic I/O and programmable
- Functions: Third-party control friendly, input and output metering, multi-level security
- Safety/Compliance: $_{c}$TUV$_{us}$, CE, FCC, RoHS

DSP Matrix Processing

ne network-enabled matrix processors

MADE IN THE USA

ne24.24M ▸ Matrix Processor with Protea™

ne24.24M Features:

- 10/100 Ethernet and RS-232 computer interface standard
- Extensive DSP available
- Easy and intuitive user interface
- Mic/line inputs
- 24-bit A/D–D/A audio resolution
- Up to 24-channels of audio processing
- 4x4 base unit configuration
- Expand inputs or outputs 4-channels per module
- Modules easily field installable
- Euroblock connectors for audio, preset recall, DC remote level control and data in/out
- 31 preset locations
- 4 dedicated remote controls for level, preset recall and programmable
- Functions: Third-party control-friendly, input and output metering viewable in dBu, multi-level security
- Safety/Compliance: $_{c}$TUV$_{us}$, FCC, CE, RoHS

Whether you are designing or installing a system for corporate boardrooms, restaurants, courtrooms, houses of worship, left/center/right high output speaker systems in performance spaces, auditoriums or conference centers, our widely-popular *Protea™ ne24.24M Matrix Processor* will more than satisfy your requirements for any zoned system. When your install requires input/output matrixing with signal processing it doesn't get much easier than programming your channels using *Protea™ ne Software* on your PC.

The ne24.24M uses modular expansion cards to provide up to 24-channels of audio matrixing and processing. The base unit offers a 4-input/4-output configuration. Each input and output expansion card has an individual DSP processor allowing you to expand the total input or output 4 channels of DSP processing at a time.

These cards are easily installed in the field without the need to reprogram the device.

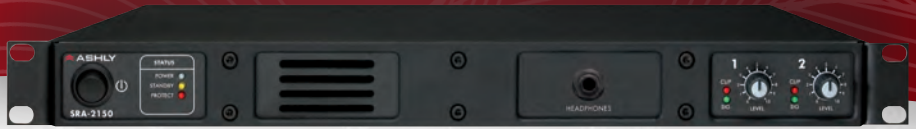
Matrixing allows you to route any input to any output and control individual levels once they have been assigned. Fixed path architecture and extensive processing power per channel will reduce the amount of time it takes to set up your system.

An optional GPO Logic Card allows the ne24.24M to trigger projection screens, curtains or lights. The logic card is installed in place of a 4-input or 4-output card and occupies one of the four expansion slots.

Standard Amplifiers

SRA convection-cooled, power amplifiers

MADE IN THE USA



Model	Channels	Watts @ 4Ω	Watts @ 8Ω	Watts @ 8Ω Bridged
SRA-2075 ▶	2	75W	40W	150W
SRA-2150 ▶	2	150W	80W	300W
SRA-4075 ▶	4	75W	40W	150W
SRA-4150 ▶	4	150W	80W	300W

Specifying the right power amp is often easier than finding it. Our *SRA Series* makes it a snap to get exactly what you need.

SRAs are advanced, efficient amplifiers perfect for installations with modest power requirements. Housed in a compact single rack space chassis and weighing only 10 lbs, and designed to drive 4 or 8 Ohm loads. Choose from 4 models are available in 2 and 4-channel configurations with power ratings of 75W and 150W per channel.

The 150W models are capable of driving 25V constant voltage lines directly. Switch mode power supplies and Class-D amplifier circuitry provide an extremely power efficient solution. They are convection cooled, so little maintenance is needed after the installation, and no annoying fan noise. Of course you get the reliability, superior sonic quality and rugged construction you've come to expect from Ashly.

SRA Features:

- Convection cooling
- Extremely low noise
- Extensive protection circuitry
- Level attenuators for each channel
- Signal present and clip alert status LEDs
- 2-channel versions have a stereo headphone jack
- Selectable input sensitivity
- Selectable HPF frequencies
- Euroblock inputs/outputs
- Normal or bridged mode switch on each channel
- Remote power turn ON/OFF
- Adjustable turn-on delay up to eight seconds
- Safety/Compliance: $_{c}$TUV$_{us}$, CE, FCC, RoHS

Multi-Mode Amplifiers

TRA MADE IN THE USA — *convection-cooled, power amps with transformer isolated and direct coupled outputs*

Model	Channels	Watts @ 4Ω	Watts @ 8Ω	Watts @ 8Ω Bridged	Constant Voltage Options
TRA-2075 ▸	2	75W	40W	150W	75W @ 25V, 70V, 100V
TRA-2150 ▸	2	150W	80W	300W	150W @ 25V, 70V, 100V
TRA-4075 ▸	4	75W	40W	150W	75W @ 25V, 70V, 100V
TRA-4150 ▸	4	150W	80W	300W	150W @25V, 70V, 100V

TRA Features:

- Convection cooling
- Extremely low noise
- Internally mounted constant voltage transformers
- Extensive protection circuitry
- 6-Step signal level and clip LEDs
- Level attenuators for each channel
- Euroblock inputs/outputs
- Selectable input sensitivity
- Remote power turn ON/OFF
- Adjustable turn-on delay up to eight seconds
- Safety/Compliance: $_{c}$TUV$_{us}$, CE, FCC, RoHS

The *TRA Series* expands on the SRA's concept of "the right amp for the job." These 2 rack space amplifiers utilize our advanced, efficient amplifiers perfect for low impedance, 25V, 70V or 100V installations with modest power requirements.

Choose from 4 models available in 2 and 4-channel configurations, with power ratings of 75W and 150W per channel at 4 Ohms, 70V and 100V. All TRA audio controls are on the rear panel. A 6-step LED meter for each channel lets you monitor all levels. TRA amplifiers can drive 4 or 8 Ohm loads and 25V or 70V and 100V constant voltage lines simultaneously. Output transformers are internally mounted.

The 150W models are capable of driving 25V constant voltage lines using the direct coupled 4 Ohm output. TRA Series amplifiers incorporate a switch-mode power supply and Class-D amplifier circuitry, providing an extremely power-efficient solution.

All TRA Series amplifiers are convection-cooled, so there's little maintenance after the installation, and no annoying fan noise. Of course you get the reliability, superior sonic quality and rugged construction you've come to expect from Ashly.

Compact Mixer/Amplifiers

Model	Channels	@ 4Ω	Constant Voltage Options
TM-360 ▸	3	60W	25V, 70V
TM-335 ▸	3	35W	25V, 70V

The *TM-360 Mixer/Amplifier* is a 3-input, 60W unit that offers input and output flexibility coupled with energy efficiency. The TM-360 uses a Class-D amplifier topology for added energy efficiency. A front panel 3.5mm TRS mini-jack makes it easy to plug-in a back-up music source, such as an mp3 player. Rear panel DIP switches allow you to select the mix going to each zone. There are 2 separate zone outputs: a 1W output for driving a remote speaker, and a preamp output that can be used to drive a separate amplifier.

The TM-360 automatically switches into a stand-by mode if no audio input is received for 25 minutes, thus reducing the current draw. The transformer-isolated output offers a choice of lo-z (4 Ohm), 25V or 70V.*

TM-360 Features:

- One balanced mic/line/tel input w/phantom power, 2 balanced line level inputs w/stereo RCA sum-to-mono inputs
- Mute priority of inputs
- Mini-jack input on front panel disables channel 2-input
- Switches for zone 2 assign, mute priority, low-cut filter, phantom power
- 600 Ohm pre-out for external amplifiers
- Zone 2-output, 1W / 8 Ohms
- Power saving standby mode: audio inactivity or contact closure
- Rack mount kit (model RMK-360) available as an optional accessory
- Safety/Compliance: ¸CSA$_{us}$, CE FCC, RoHS

TM public address mixer/ _ k njgdgcp

Like the TM-360, the *TM-335 Mixer/Amplifier* is a 3-input 35W version. It features your choice of mic, line, dual RCA sum-to-mono or telephone inputs. Rear panel DIP switches set input priorities and trigger the ducking circuit. Rack mount the TM-335 using the accessory RMK-335.

TM-335 Features:

- Inputs 1-2-3 are mic/line, 2-3 sum stereo inputs
- Mute priority
- Rear panel switches select stereo summing
- Optional rack kit available
- Safety/Compliance: ¸CSA$_{us}$, CE, FCC, RoHS

**The 230V International version features low-z, 70V or 100V output options.*

ASHLY

Ashly's TM Series span a wide range of useful applications from commercial paging in restaurants and classroom environments—to audio support in large sports facilities and churches.

Remote Controls

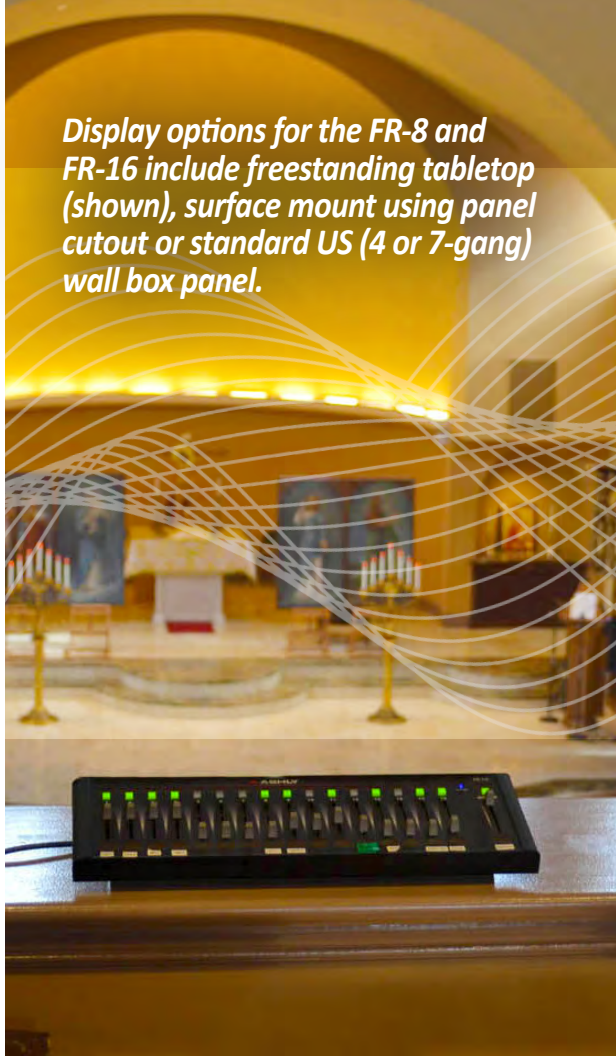
FR-8 ▸ 8-Assigned Mixer/Gain Blocks, Remote Control
FR-16 ▸ 16-Assigned Mixer/Gain Blocks, Remote Control

The *FR-8* and *FR-16* are Ethernet devices that provide fader-based remote-level control for Ashly ne products having DSP capabilities. The FR-8 controls up to 8-user assigned inputs, outputs, or mixer outputs, and the FR-16 controls up to 16.

Ashly products that can be controlled are: nX amplifiers, ne24.24M, ne 2-channel Power Amplifiers w/ DSP, ne Multi-Channel Power Amplifiers w/ DSP, ne4800/8800 DSP Processors, and all Pema™ Power Amplifiers.

FR Features:

- Use along with neWR-5 wall remote
- IEEE 802.3af power-over-Ethernet (PoE, Class 2)
- Automatic IP addressing
- Assignable fader scaling
- Mute/unmute buttons with signal or A/B input source select option
- Assignable signal level LED breakpoints
- Communication failure indicator
- User-defined labels per channel
- Panel lock-out contact closure



Display options for the FR-8 and FR-16 include freestanding tabletop (shown), surface mount using panel cutout or standard US (4 or 7-gang) wall box panel.

RD-8C/RW-8C ▸ Remote Level Controller

The RD-8C is a desktop controller using an XLR serial data connector, while the RW-8C is electronically the same but mounts as a wall plate into a standard 4-gang electrical box and uses a Euroblock connector. There are 8-channel faders and one master fader on the RD-8C, each with a level control and an on/off button with a green LED to indicate status. The RD-8C and RW-8C are remote level controllers which can be used any Ashly product with a serial data connector, including Ethernet-based Ashly ne signal processors, ne amplifiers with DSP capabilities, and Pema amplifiers.

INA-1 ▸ Inline RS-232 Adapter

The Ashly Inline RS-232 Adapter allows Ashly products that do not have an RS-232 port, but do have a serial data connector, to connect to RS-232 control systems. The preferred method to control Protea ne products is with either TCP or UDP via Ethernet, however this may not always be possible in some installations where a non-Ethernet control system is used.

Wall Remotes

MADE IN THE USA

WR Series ▸ Wall Remote Controls for all Network Amplifiers/DSP Processors

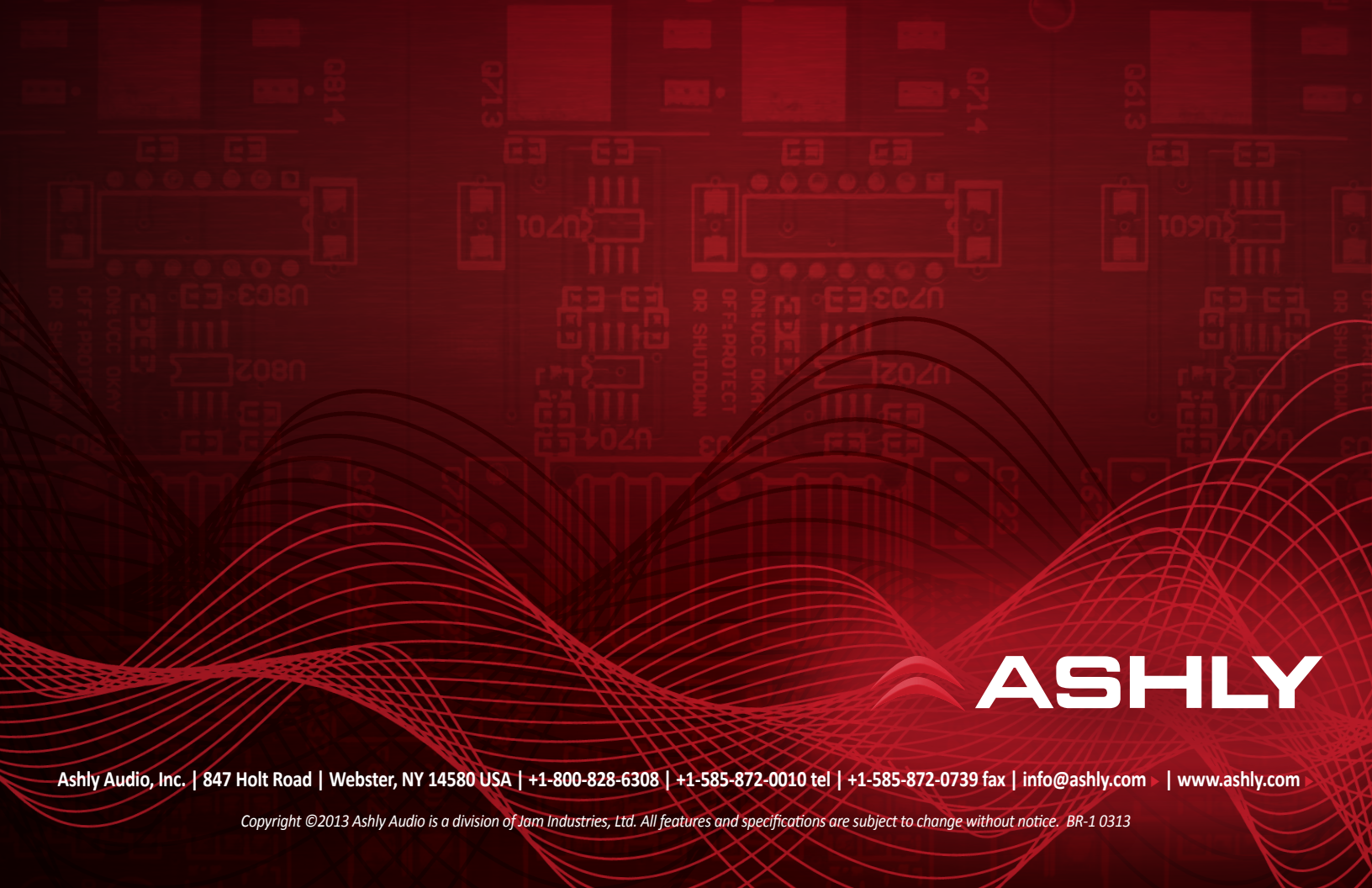
Control your system from any location with our remote controls. These devices fit in standard wall boxes and use low gauge wire for hook-up (shown above from left to right).

WR-1 is a dual potentiometer remote volume control for DC level control. The ***WR-1.5*** remote has a single potentiometer plus a 4-position rotary preset recall switch. ***WR-2*** allows selection of one of four presets via interlocking pushbutton switches. ***WR-5*** is a programmable remote control for Ashly amps and processors that have a serial data connector. ***neWR-5*** is a programmable Ethernet based remote control unit for Ashly networked products. Connecting and powering the neWR-5 is done using standard Cat-5 cable and an IEEE 802.3af Power over Ethernet (PoE) source.

WR Features:

- Visual indication verifies changes
- Preset recall and preset scroll
- Input and matrix mix gain control
- Output gain control
- Channel mute
- Zone source select
- Logic high/low (nXe, nXp, ne24.24M)
- Lock-out feature (neWR-5)
- Serial data = 4-wire cable (WR-5, RD-8C, RW-8C)
- Ethernet = Cat-5 cable (neWR-5)

WRe ▸ European Wall Remote Controls



ASHLY

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